



North Carolina Division Office

Forest Heritage National Scenic Byway as a North Carolina Scenic Byway



FHWA INITIATIVES

2014 NCDOT/Contractor Joint Training Workshop



Outline

North Carolina Division Office

- Federal highway funding
- System Performance
- Project Delivery

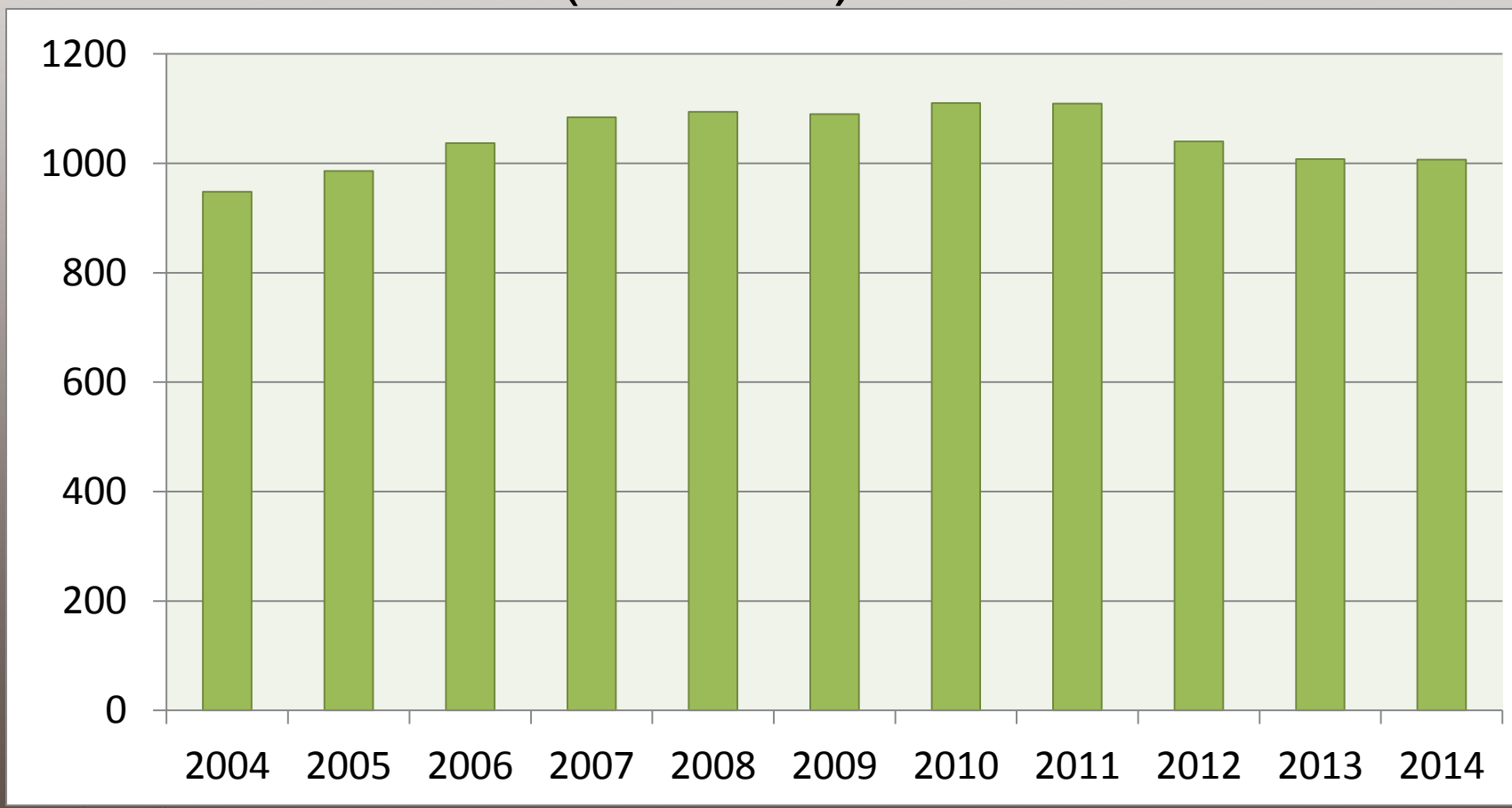




Federal Highway Funds - NC

North Carolina Division Office

\$ (millions)



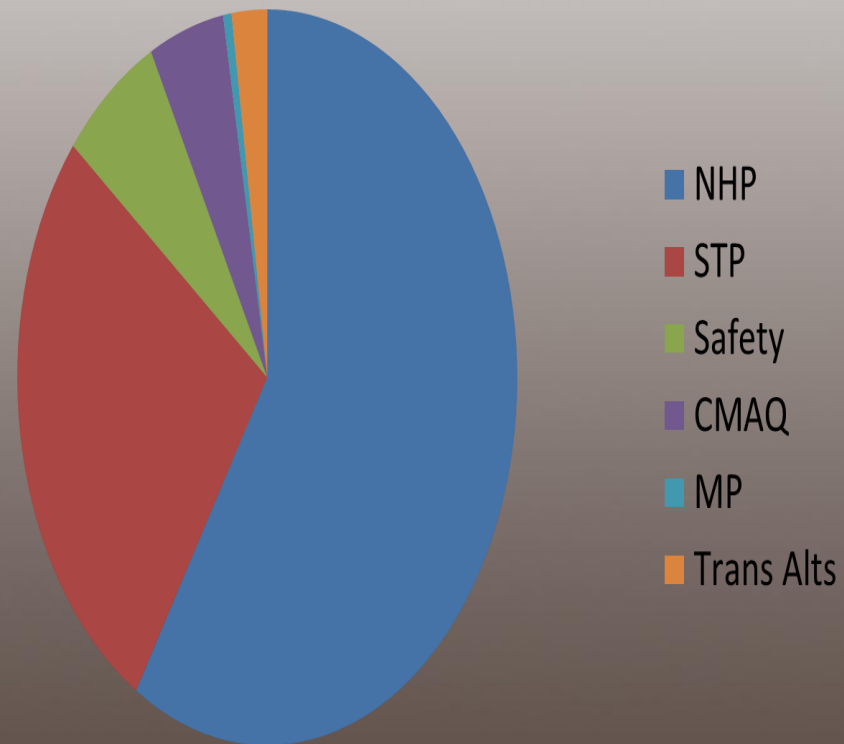
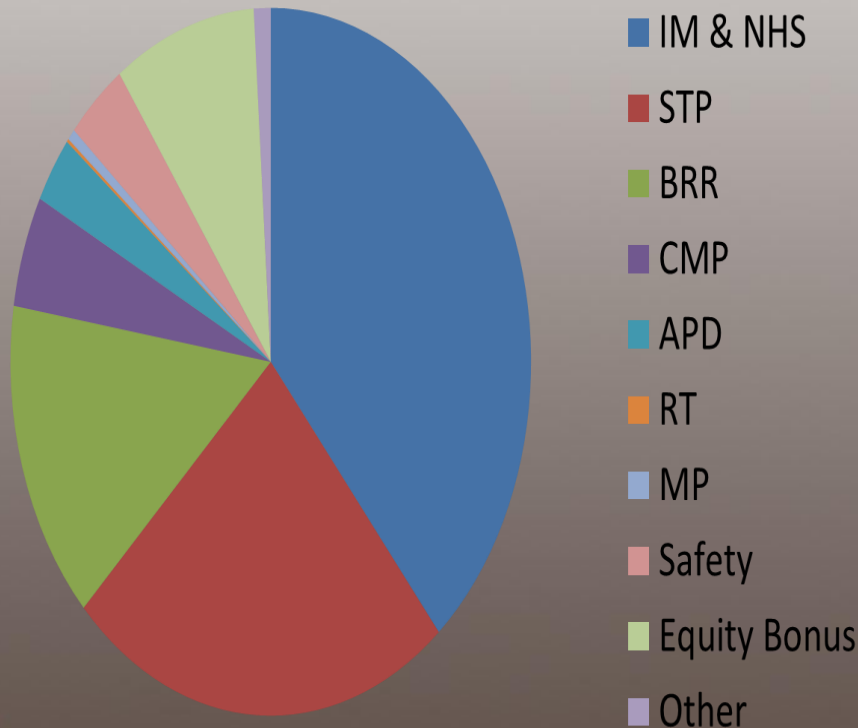


NC Apportionments

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FY 2012

MAP-21

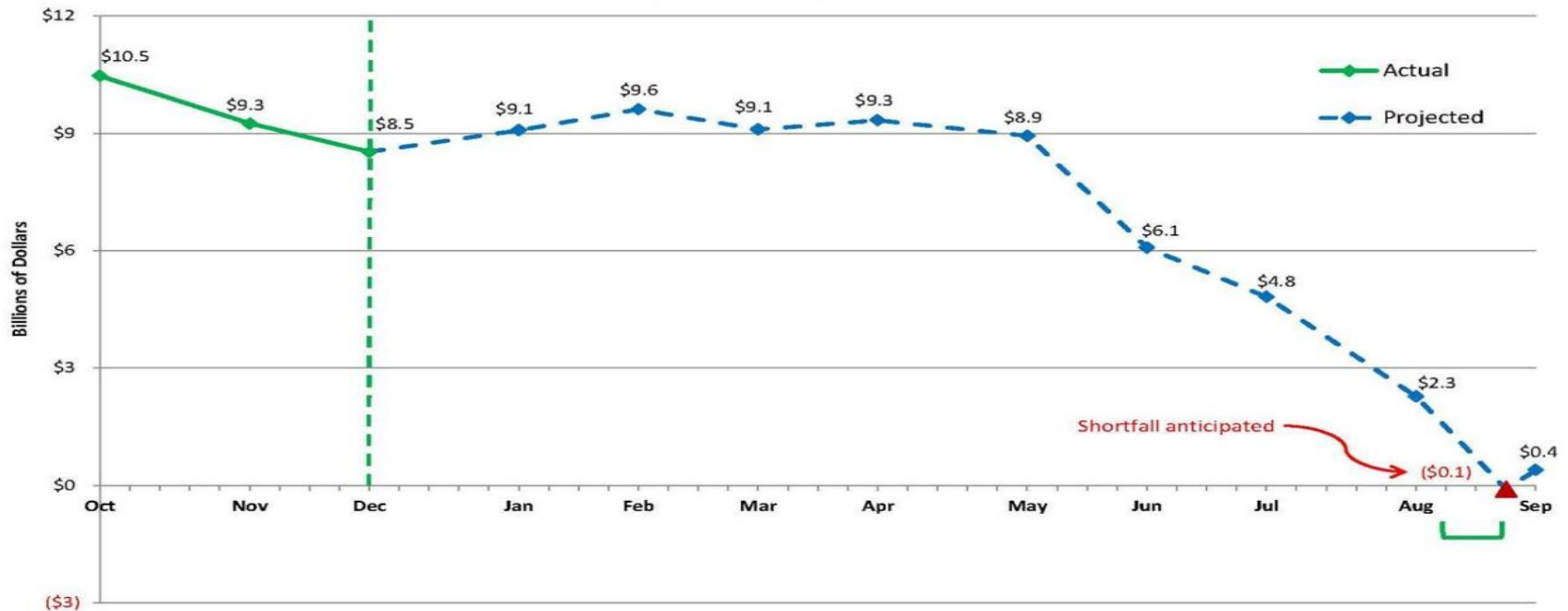


Federal Highway Funding

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Forest Heritage National Scenic Byway as a North Carolina Scenic Byway

FY 2014 Projected Estimates for End-of-Month Cash Balances (as of 12/27/2013) 1/ 2/ 3/
Highway Account of the Highway Trust Fund (Includes FHWA, FMCSA & NHTSA)



1/ Graph reflects actual data through 12/27/13 and end-of-month projections for the remainder of the fiscal year.

2/ Total receipt and outlay projections are based on FY 2014 Mid-Session Review assumptions. Projected monthly receipt and outlay rates are based on historic averages.

3/ Range of anticipated shortfall: Green brackets denote the estimated window of when the anticipated shortfall will occur.

Source: FHWA

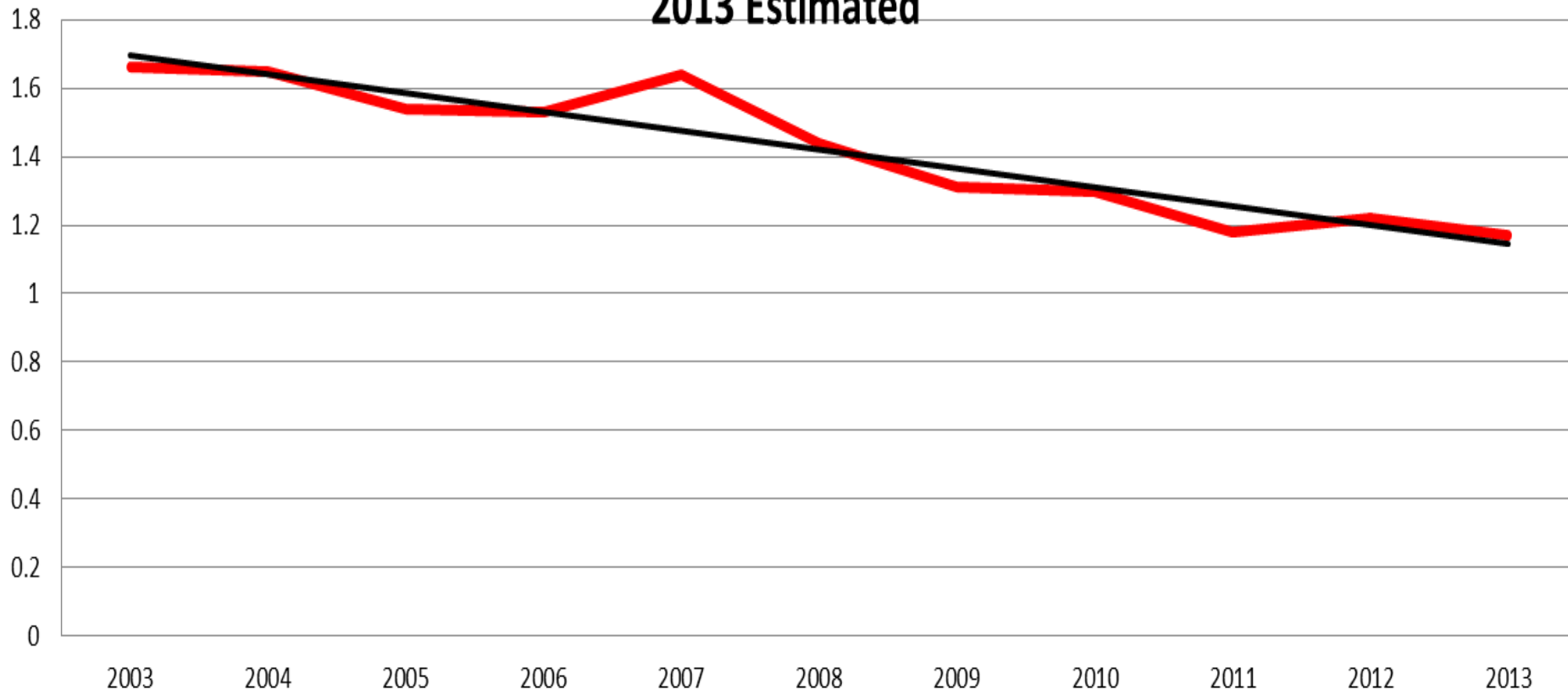


System Performance

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Reduce fatalities and serious injuries

North Carolina Highway Fatality Rate 2003 - 2013
2013 Estimated



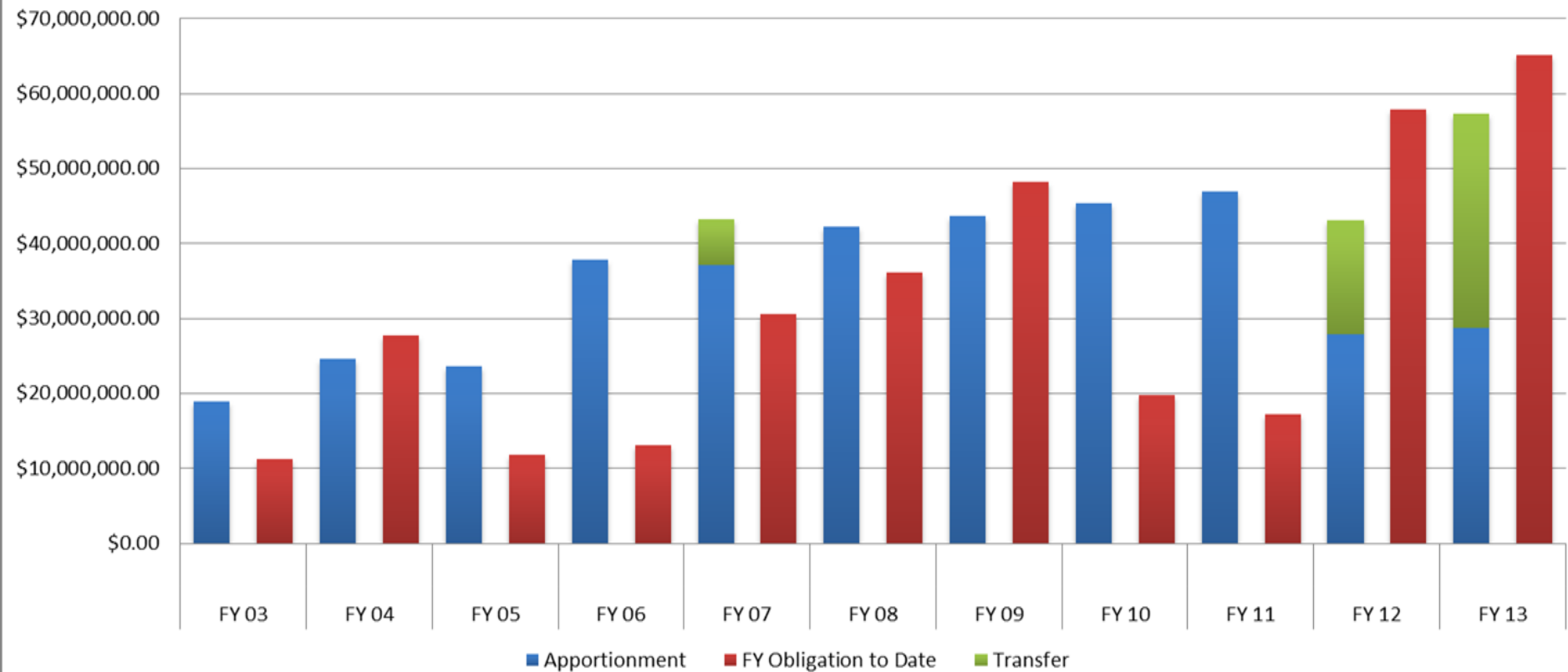
Highway Safety



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Forest Heritage National Scenic Byway as a North Carolina Scenic Byway

North Carolina Safety Apportionments and Obligations FY 2003 - 2013

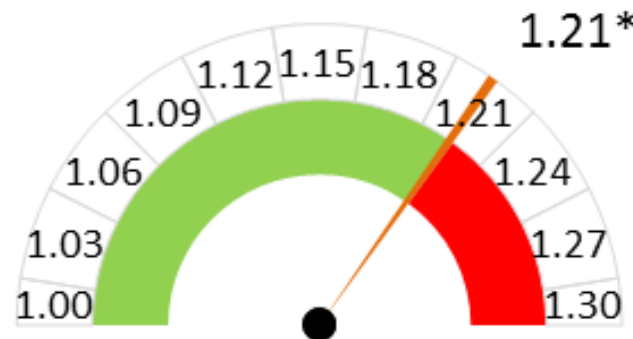


System Performance

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- Improve the reliability of travel on the NHS



Travel Time Index

**Result as of June 2013. 2014 Target: 1.21*

Source: Office of Operations, TTI

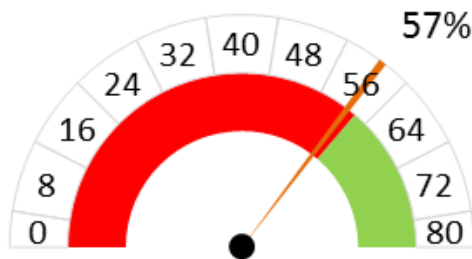


System Performance

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- Use asset management principles and techniques to achieve a state of good repair of pavements, bridge and tunnels.



Percent VMT on NHS with good to very good ride quality

Result as of December 2012. 2014 Target: 58%
Source: HPMS, Office of Policy and Governmental Affairs.



Percent of Deck Area on NHS Structurally Deficient Bridges

2014 Target: 6.6%
Source: Office of Infrastructure, NBI



System Performance Next Steps

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Rule Making

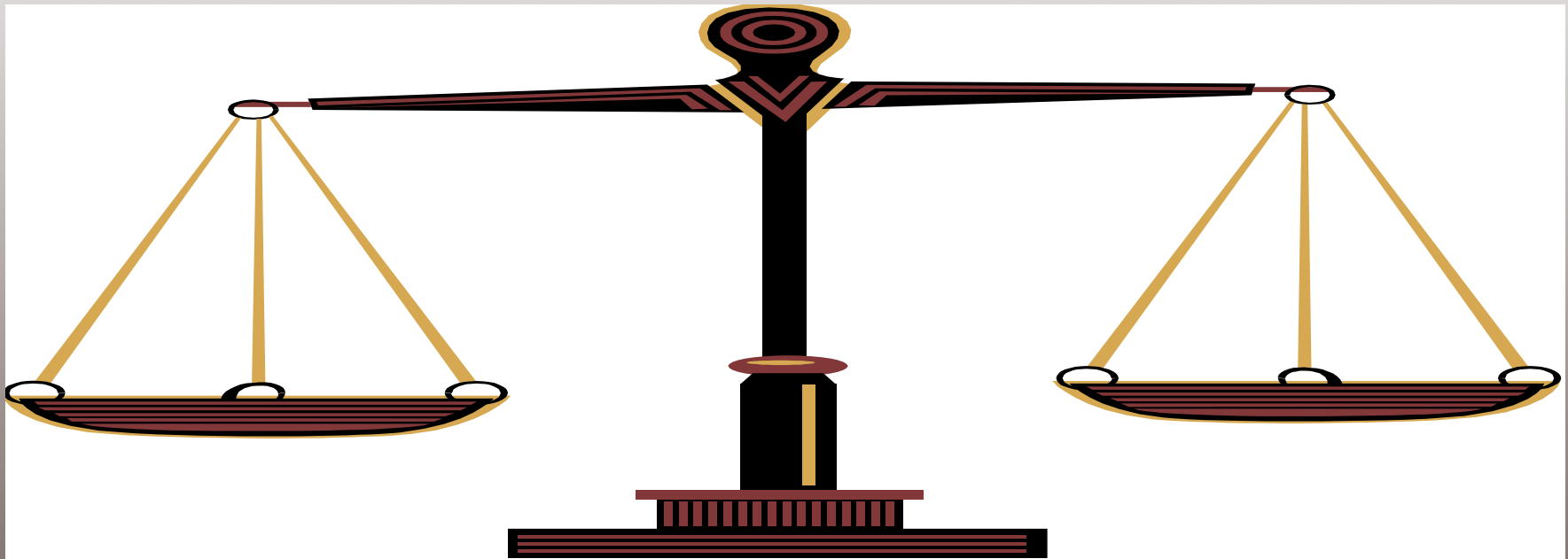
- Establishing performance measures
- State asset management plans
- Transportation planning



Program Delivery

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Forest Heritage National Scenic Byway as a North Carolina Scenic Byway



Accountability -
federal goals and
requirements

Technical Assistance
Deploy Technology
Advance best practices



U.S. Department of Transportation
Federal Highway Administration

Risk Based Oversight

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GOALS

- Percent of inactive obligation < 2%
- Percent of improper payments < 1.5%

How

- Financial Review & Integrity Program
- Compliance Assessment Program
- Project Closeout

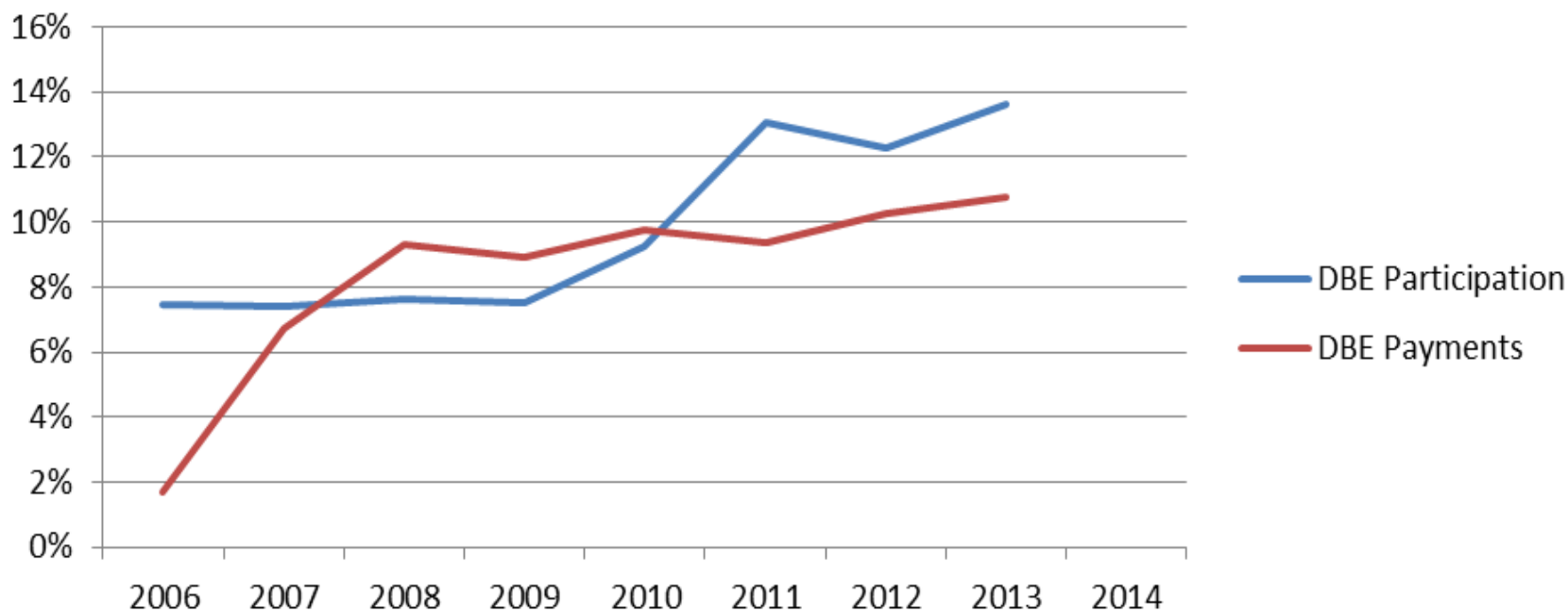


DBE Program

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Forest Heritage National Scenic Byway as a North Carolina Scenic Byway

DBE Participation and Payments 2006-2013



Intelligent Compaction

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- Improved in-place density and reduced variability of density.
- Improved efficiency of compaction.
- Better identification of weak areas.
- More Consistent rolling patterns.



U.S. Department of Transportation
Federal Highway Administration



High Friction Surface Treatment

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U.S. Department of Transportation
Federal Highway Administration



